Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
Data File : VW023315.D
Acq On : 25 May 2022 12:47
Operator : SY/VA
Sample : N2996-11MS
Misc : 5.18g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGT3MS

Quant Time: May 26 01:30:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 26 01:27:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	367975	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	363669	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	212935	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	112154	14.856	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 59.440%			
7) Chloroethane-d5	2.879	69	82991	16.897	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.600%			
11) 1,1-Dichloroethene-d2	4.025	63	162153	16.623	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.480%			
21) 2-Butanone-d5	7.080	46	75525	52.616	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.240%			
24) Chloroform-d	7.647	84	243937	22.627	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.520%			
26) 1,2-Dichloroethane-d4	8.305	65	133349	22.552	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.200%			
32) Benzene-d6	8.275	84	428782	20.456	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.840%			
36) 1,2-Dichloropropane-d6	9.274	67	133187	22.619	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.480%			
41) Toluene-d8	10.323	98	405650	20.033	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.120%			
43) trans-1,3-Dichloroprop...	10.579	79	60895	22.461	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.840%			
47) 2-Hexanone-d5	10.927	63	67646	60.181	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.360%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	151265	27.562	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.240%			
66) 1,2-Dichlorobenzene-d4	13.853	152	172295	23.147	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	35153	17.524	ug/L	98
3) Chloromethane	2.209	50	104425	26.940	ug/L	98
5) Vinyl chloride	2.361	62	150814	19.386	ug/L	96
6) Bromomethane	2.776	94	74040	14.823	ug/L	92
8) Chloroethane	2.922	64	71664	19.100	ug/L	95
9) Trichlorofluoromethane	3.257	101	62331	17.530	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	100077	18.824	ug/L	97
12) 1,1-Dichloroethene	4.044	96	91316	19.376	ug/L	82
13) Acetone	4.129	43	40052	37.269	ug/L	99
14) Carbon disulfide	4.385	76	239785	18.558	ug/L	99
15) Methyl Acetate	4.678	43	37125	17.195	ug/L	93
16) Methylene chloride	4.915	84	103425	19.208	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	106266	20.036	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	185529	22.915	ug/L #	91
19) 1,1-Dichloroethane	6.214	63	188719	20.995	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	142603	25.033	ug/L #	97
22) 2-Butanone	7.171	43	54307	36.134	ug/L	97
23) Bromochloromethane	7.519	128	56539	21.193	ug/L	88
25) Chloroform	7.677	83	208041	20.931	ug/L	98

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	138096	20.843	ug/L	99
29) Cyclohexane	7.958	56	156208	19.861	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	180953	21.055	ug/L	99
31) Carbon tetrachloride	8.073	117	166552	20.717	ug/L	99
33) Benzene	8.323	78	440517	20.562	ug/L	100
34) Trichloroethene	9.091	95	127036	21.561	ug/L	97
35) Methylcyclohexane	9.335	83	197049	20.358	ug/L	99
37) 1,2-Dichloropropane	9.366	63	108330	20.895	ug/L	100
38) Bromodichloromethane	9.646	83	154417	20.969	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	173263	21.553	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	139911	42.815	ug/L	99
42) Toluene	10.384	91	513981	21.407	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	156062	21.750	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	94114	21.715	ug/L	95
46) Tetrachloroethene	10.866	164	90345	20.404	ug/L	93
48) 2-Hexanone	10.969	43	99559	45.598	ug/L	98
49) Dibromochloromethane	11.128	129	114070	21.868	ug/L	100
50) 1,2-Dibromoethane	11.237	107	91622	21.053	ug/L	98
51) Chlorobenzene	11.658	112	336817	21.279	ug/L	99
52) Ethylbenzene	11.731	91	562425	21.056	ug/L	97
53) m,p-Xylene	11.835	106	224260	21.308	ug/L	98
54) o-Xylene	12.164	106	218340	21.618	ug/L	98
55) Styrene	12.176	104	378693	22.066	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	116348	21.493	ug/L	96
59) Bromoform	12.347	173	60760	20.135	ug/L	98
60) Isopropylbenzene	12.463	105	592839	20.323	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	82396	19.366	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	323029	19.904	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	496067	20.357	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	257818	19.796	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	268126	19.931	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	252582	21.193	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18052	19.414	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	163679	18.933	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	143983	20.704	ug/L	97
71) Naphthalene	15.365	128	326891	21.627	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	132068	21.427	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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